



“National Seminar and 8thOCS Extended Lecture Series 2026”

Theme,

“Frontiers in Chemistry and Chemical Sciences 2026”

Organized by

Department of Chemistry

Udayanath Autonomous College of Science and Technology

10-11th October 2026

VENUE: Gallery, UNC	
Time Interval	Events
10th October 2026, Saturday	
8.30 – 9.30 AM : Registration	
9.00 – 10.00 AM : Breakfast	
10.00 -11.00 AM : Inauguration	
TECHNICAL SESSION-01	
Chairperson: Prof. Satyaban Jena, Retd. Professor, Utkal University	
Session Coordinator: Dr. Smruti Pattnaik	
KEYNOTE LECTURE	
11:00-11: 30 AM	Prof. Ashok Kumar Mishra, IIT Madras Topic: “Chemical Science and the Progress of Human Civilization”
INVITED LECTURES	
11.30-12.00 PM	Prof. Pradeepta Kumar Panda, University of Hyderabad Topic: “Porphycene – An Emerging 18π Isomeric Porphyrin Dye and its Near Infrared Active 26π-Expanded Analogue”
TECHNICAL SESSION-02	
	Chairperson: Prof. Sasadhar Samal Retd. Principal Session Coordinator: Dr. Smruti Pattnaik
12.00-12.30 PM	Prof. Sarat kumar Swain, VSSUT, Burla Topic: “Chemistry Inspired by Nature: From Natural Phenomena to Advanced Materials”
12.30- 1.00 PM	Prof. Adinarayan Doddi, IISER Berhampur, Ganjam Topic: “N-Heterocyclic Carbenes: Versatile Platforms in Metal-Free and Metal-Based Homogeneous Catalysis”
LUNCH BREAK: 1.00 – 2. 00 PM	
POSTER PRESENTATION: 2.00 – 2.45 PM	
Chairperson: Prof. Ashutosh Samantray, Retd. Prof., OUAT, BBSR Dr. Asit Parija, Retd. Principal Prof. Bigyan Ranjan Das, OUTR Session Coordinator: Dr. Shiv Kumari Panda	

Dr. Jaykishon Swain	
TECHNICAL SESSION-03	
INVITED LECTURES	
Chairperson: Prof. Prakash Mohanty Retd. Professor, Utkal University, BBSR Session Coordinator: Mr. Subrat Nayak	
2.45-3.15 PM	Prof. Himanshu Biswal, NISER, BBSR. Topic: “IR Spectroscopy of Cosmic Ice and Kidney Stone”
3.15-3.45 PM	Dr. Bikash Jena, Senior Principal Scientist, IMMT, BBSR Topic: “Designing Materials for Multifunctional Energy Storage applications”
3.45-4.15 PM	Prof. Sabita Patel, NIT, Rourkela Topic: “Tailoring Aggregation induced emission (AIE) Fluorophores via Molecular Engineering: From Structural Design to Applications”
TEA EBREAK (Inside the Hall)	
TECHNICAL SESSION-04	
Chairperson: Prof. Ajay Kumar Patnaik, Retd.Prof. Khallikote Unitary University Session Coordinator: Mr. Guruprasad Dash	
4.15-4.45 PM	Prof. Sabita Nayak, Ravenshaw University, Kataka Topic: “Frontiers in Organic Synthesis: From the Foundations of Classical Chemistry to Artificial Intelligence-Driven Molecular Design”
4.45-4.55 PM	Kabita Mohapatra, J.K.B.K. College, Kataka (Oral)
4.55-5.05 PM	Subhadeep Acharya , Ravenshaw University, Kataka (Oral)
5.05-5.15 PM	Amrita Palai, Kujanga college, Jagatsinghpur (Oral)
5.15-5.25 PM	Mrs. Shriya Bal, Salipur Autonomous College, Kataka (Oral)
5.30 PM	Vote of Thanks with concluding remarks.



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Time Interval	Events
11th October 2026, Sunday	
8.30 – 9.30 AM : Breakfast	
TECHNICAL SESSION-05	
Chairperson: Prof. Sarata Kumar Das, Retd. Principal Session Coordinator: Dr. Tapaswini Das	
INVITED LECTURES	
9.30-10.00 AM	Prof. Purnendu Parhi, Ravenshaw University, Kataka Topic: “Engineering Rare Earth-Based Heterojunction Composites for Advanced Photocatalytic Degradation of Recalcitrant Organic Pollutants”
10.00-10.30 AM	Prof. Braja Narayan Patra, Utkal University, BBSR Topic: “Advanced Polymeric materials for dyes sequestration”
10.30-11.00 AM	Prof. Umaprasan Ojha, IIT BBSR, BBSR Topic: “Development of Electrodes and Processes for Energy Efficient Green H₂ Production from Water”
	Tea Break (Inside the Gallery)
	TECHNICAL SESSION-06 Chairperson: Prof. Smrutiprava Das, Retd. Professor, Ravenshaw University Session Coordinator: Dr. Tapaswini Das
11.00-11.20 AM	Chinmaya Parija, IFFCO, Pradeep Topic: “Chemistry in Fertiliser Industry”
11.20-11.40 AM	Prof. Bibhuti Bhusan Parida, Berhampur University, Ganjam Topic: “Green Chemistry for the Sustainable Synthesis of Medicinally Relevant Functionalized Molecules”
11.40-12.00	Dr. Santosh Kumar Behera, Model Degree College, Nayagarh Topic: “Impact of Heteroatom Substitution on Photophysics of Dual-State Emissive 2-(2'-hydroxyphenyl)benzazole Dyes”
12.00-12.10 PM	Swadhin swaraj Acharya, Berhampur University, Ganjam (Oral)

12.10- 12.20PM	Maksood Alam, IISER Berhampur, Ganjam (Oral)
12.20-12.30 PM	Rageshree Dash, IISER Berhampur, Ganjam (Oral)
12.30-12.40 PM	Aiswarya Moharana, IISER Berhampur, Ganjam (Oral)
12.40-1.00 PM	Dr. Milan Kumar Jena (Online), IIT Bhilai, Chhattisgarh Topic: “Machine Learning Combined Quantum Transport for High-Throughput DNA Sequencing using Solid-state Nanopore Technology”
1.00-1.15 PM	Dr. Satyaranjan Jena (Online), Taiwan University, China Topic: “Facet and Lattice Engineering of Semiconductor Nanomaterials for Enhanced Photocatalytic and Piezocatalytic Performance”
LUNCH BREAK: 1.15 – 2.15 PM	
2.30-4.00 PM	VALEDICTORY WITH CONCLUDING REMARKS